

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

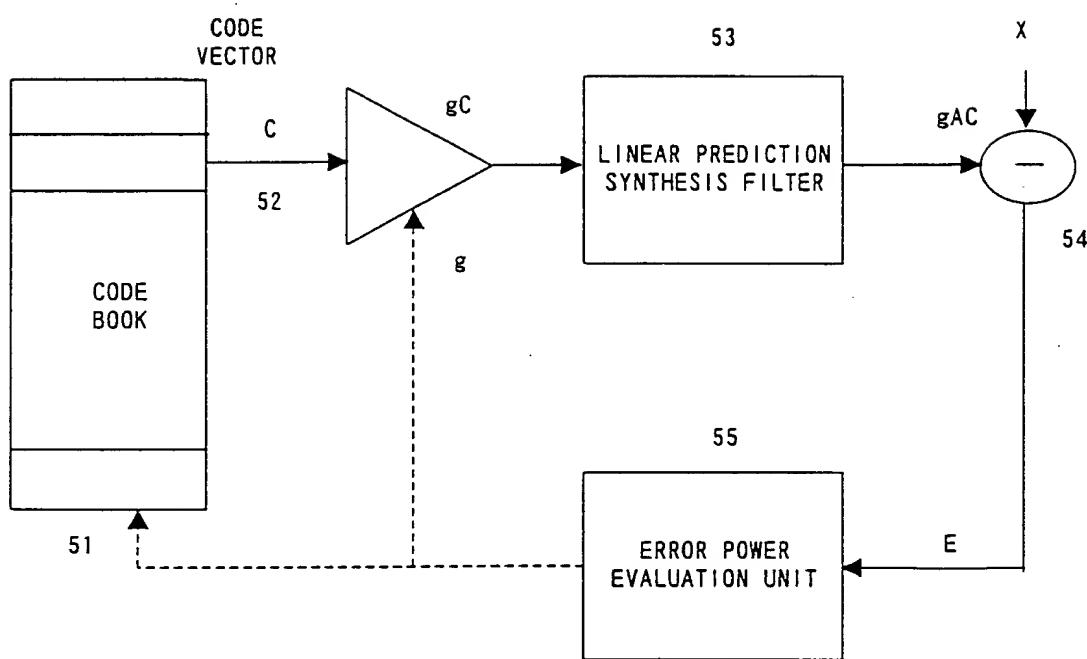


FIG. 1

PRIOR ART

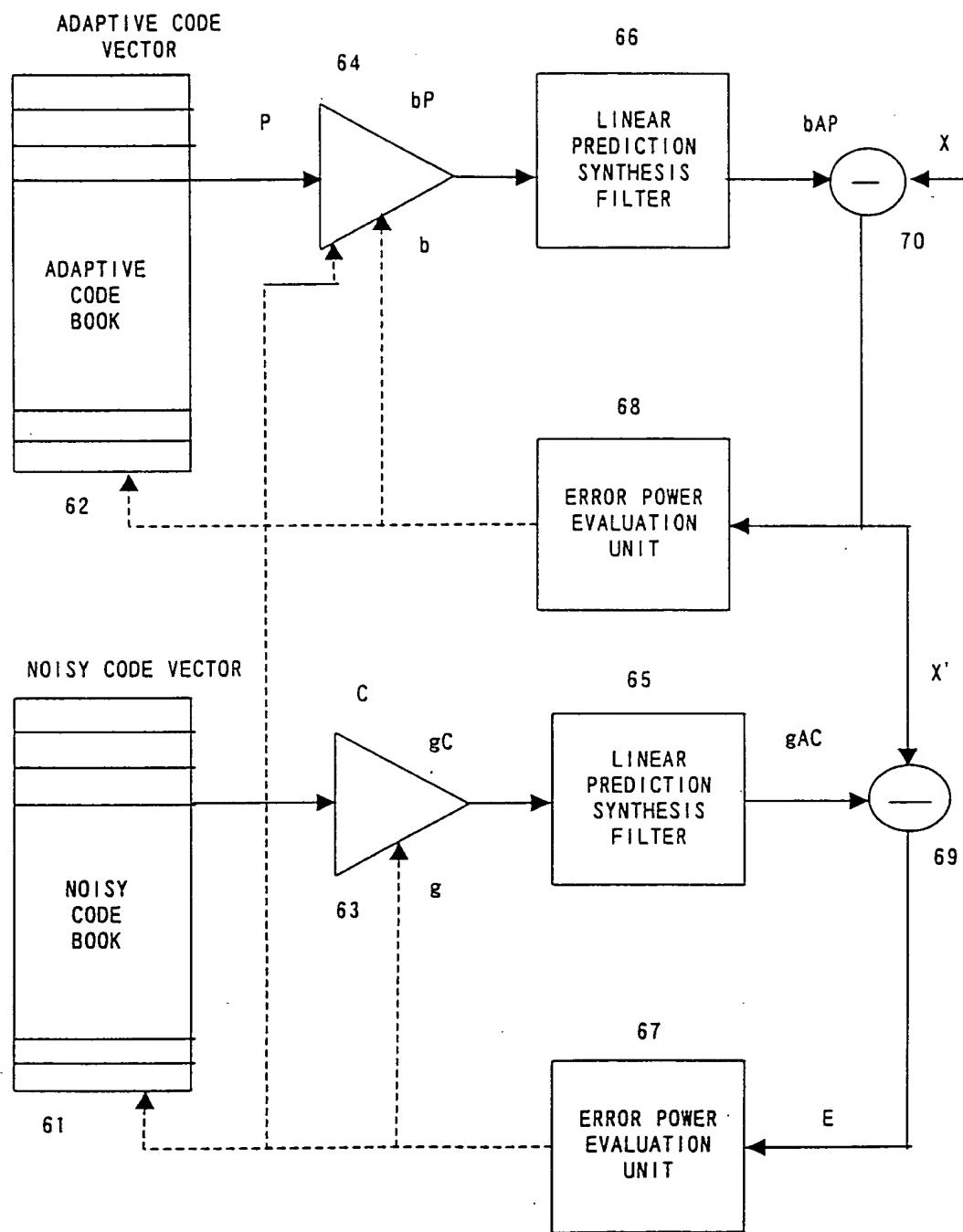


FIG. 2 PRIOR ART

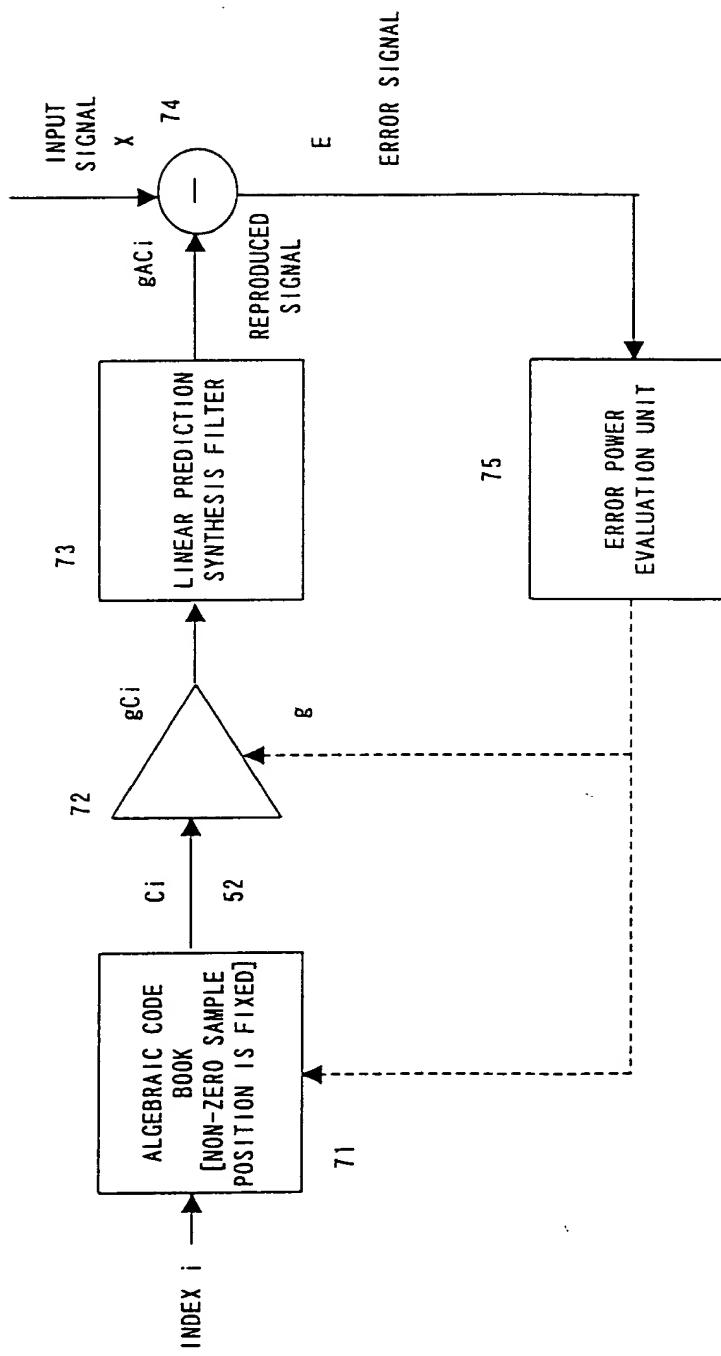
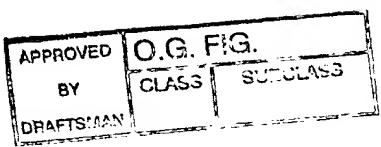
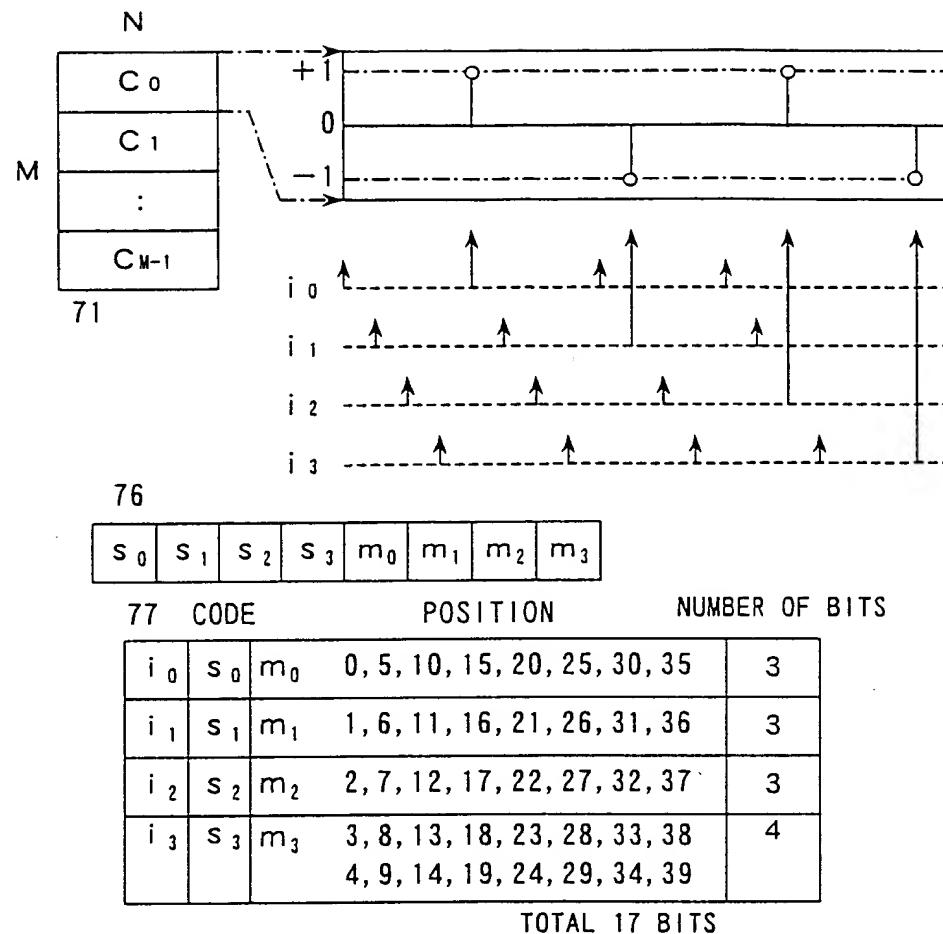


FIG. 3 PRIOR ART



78 CODE		POSITION	NUMBER OF BITS
i_0	s_0	m_0 0, 8, 16, 24, 32, 40, 48, 56	3
i_1	s_1	m_1 2, 10, 18, 26, 34, 42, 50, 58	3
i_2	s_2	m_2 4, 12, 20, 28, 36, 44, 52, (60)	3
i_3	s_3	m_3 6, 14, 22, 30, 38, 46, 54, (62)	3

FIG. 4 . . . PRIOR ART

APPROVED	O.G. FIG.	
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DRAFTSMAN		

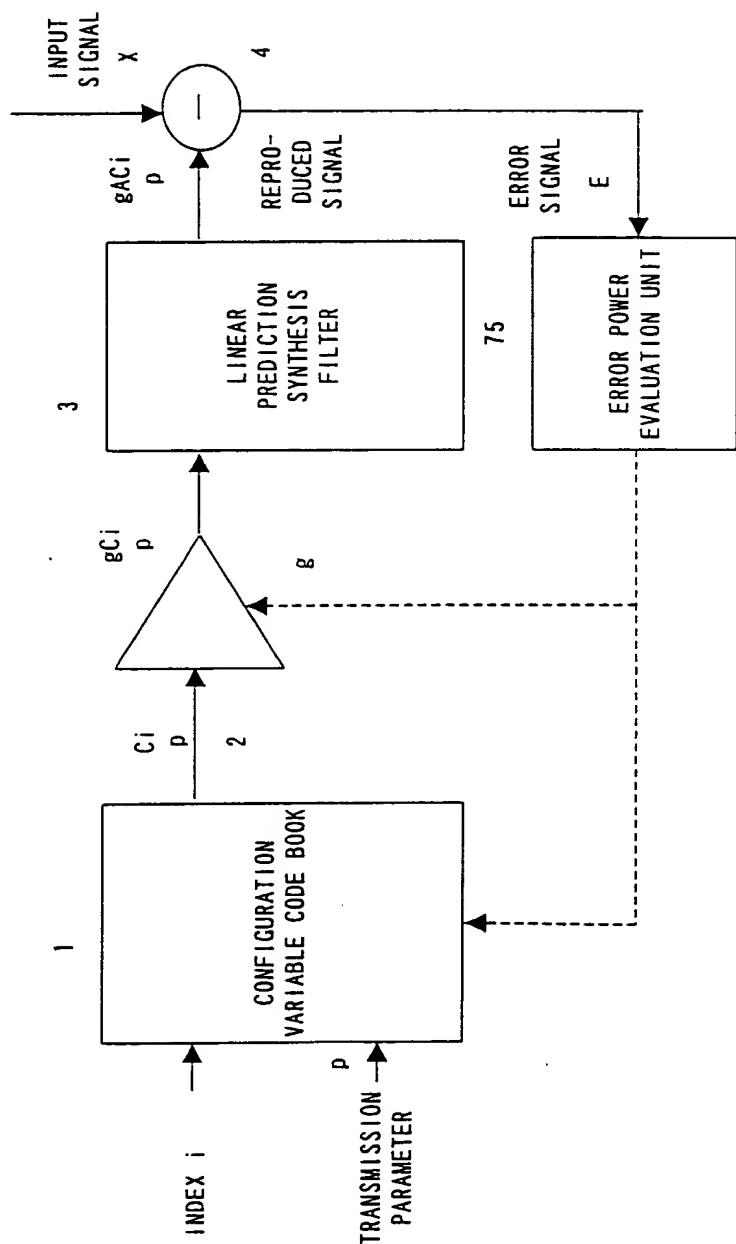
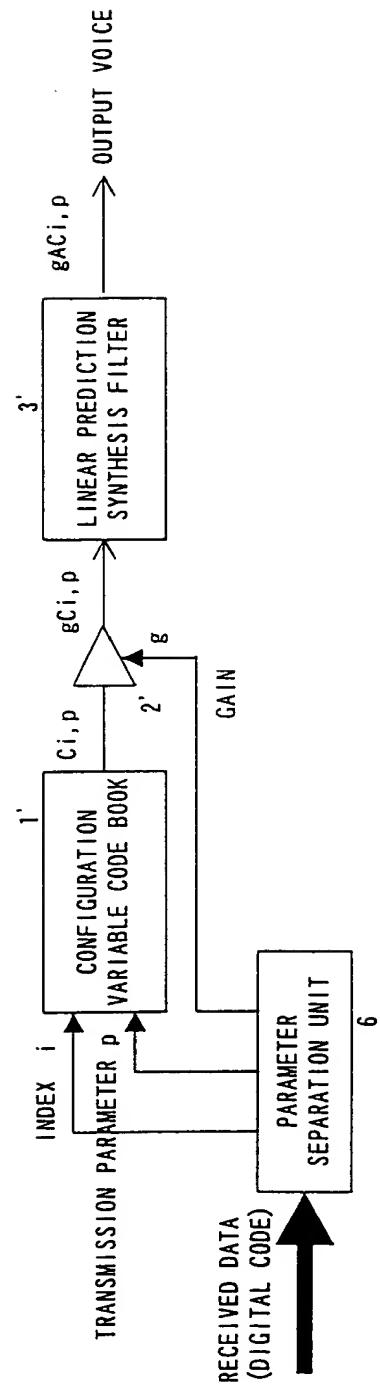


FIG. 5

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS SUBCLASS



F I G. 6

APPROVED BY DRAFTSMAN	O.G. FIG.
	CLASS
	SUBCLASS

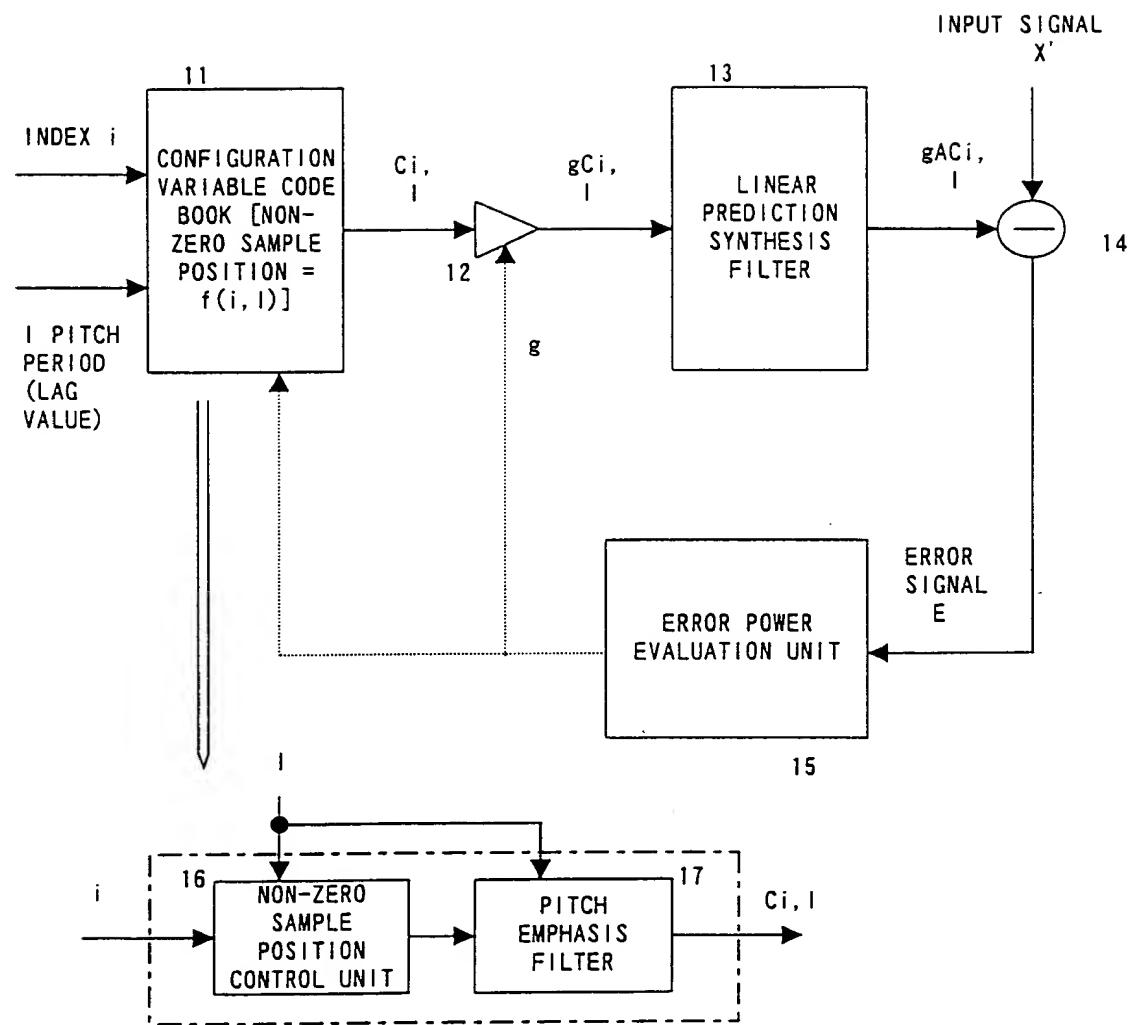
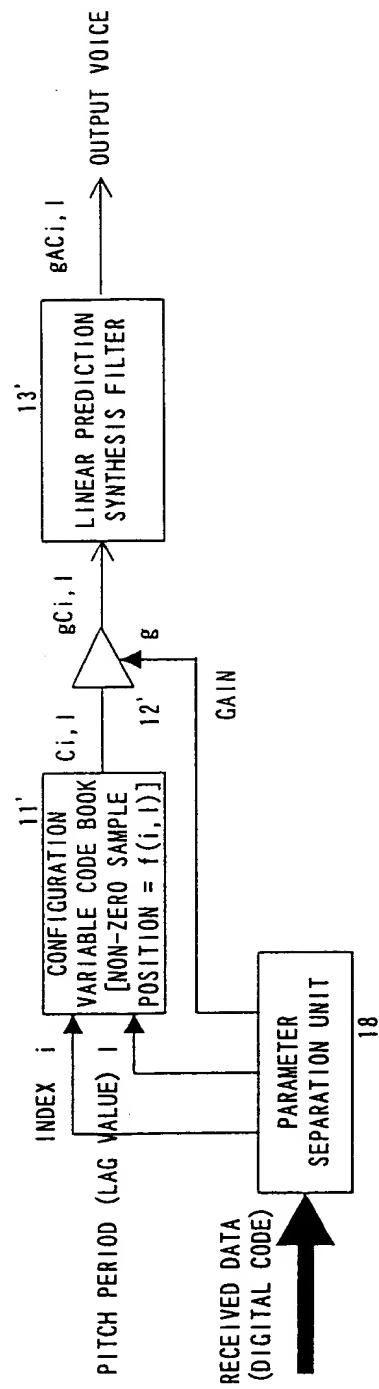
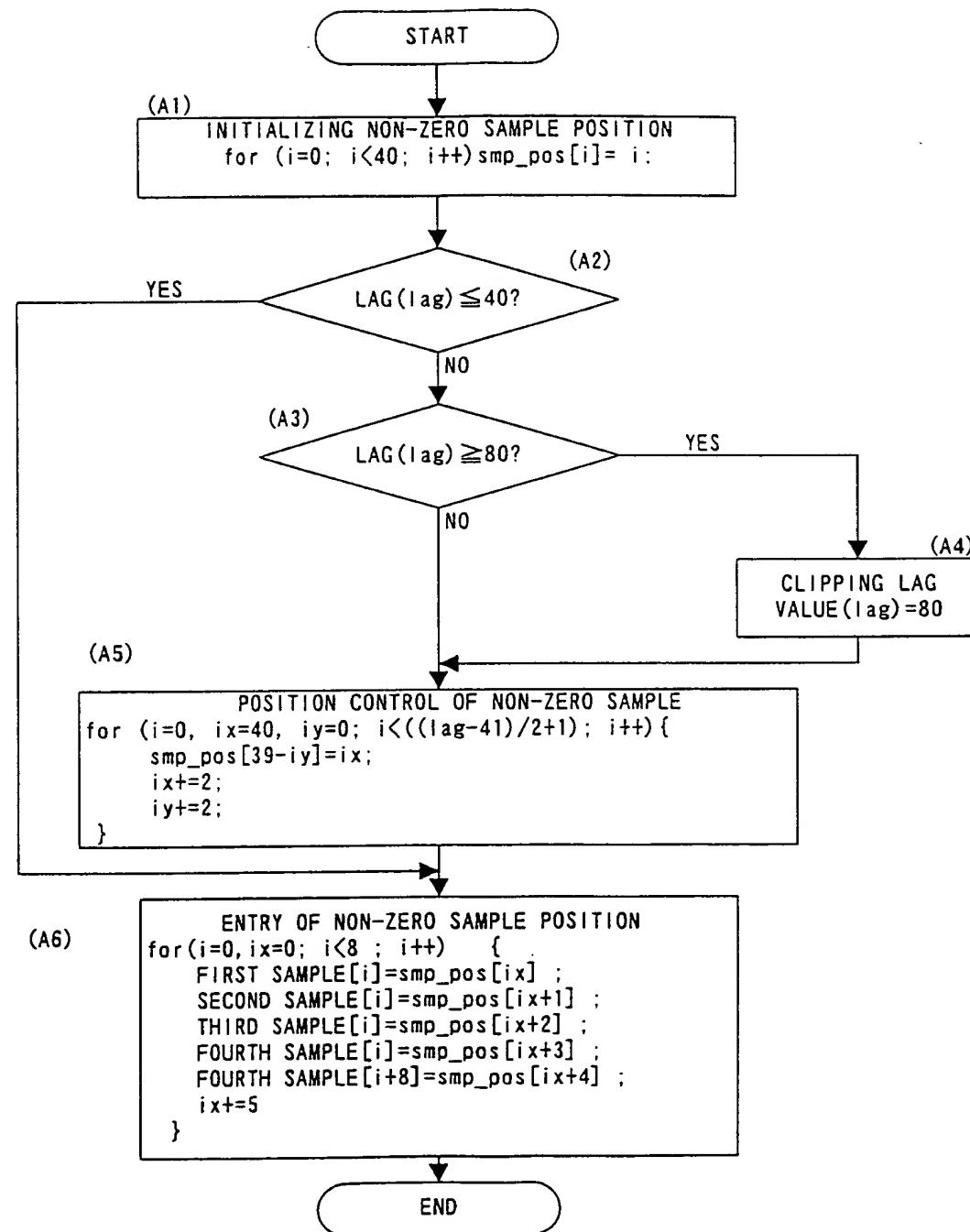


FIG. 7

APPROVED	O.G. FIG.	
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F I G. 8



F I G. 9

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

$20 \leq \text{LAG VALUE} \leq 40$

FIG. 10 A

	NON-ZERO SAMPLE POSITION								
i ₀	0	5	10	15	20	25	30	35	
i ₁	1	6	11	16	21	26	31	36	
i ₂	2	7	12	17	22	27	32	37	
i ₃	3	8	13	18	23	28	33	38	
	4	9	14	19	24	29	34	39	

$40 < \text{LAG VALUE} < 80$ (WHEN LAG VALUE=45)

FIG. 10 B

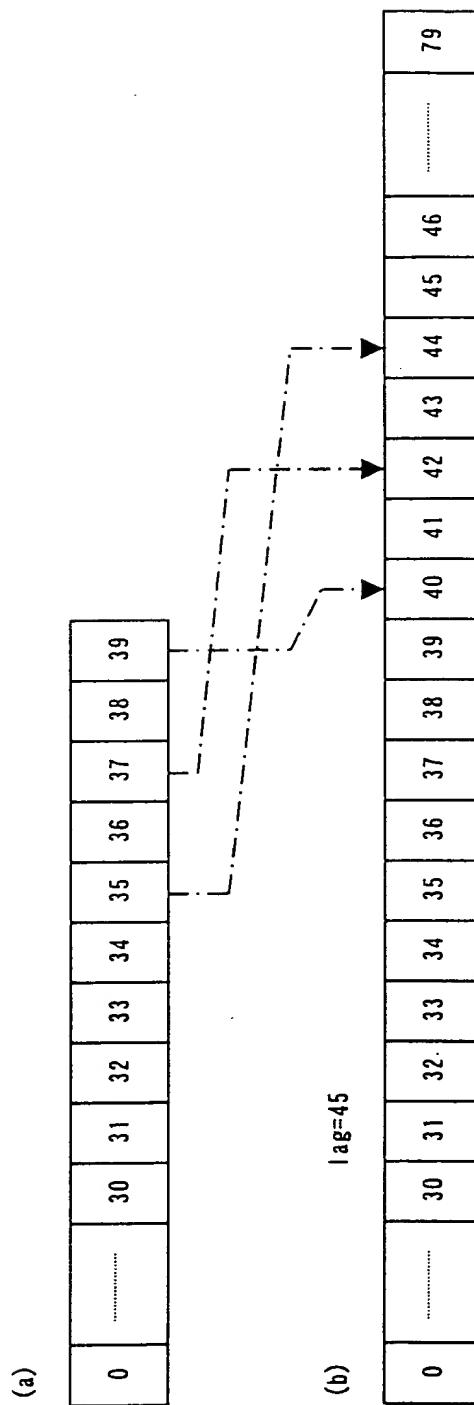
	NON-ZERO SAMPLE POSITION								
i ₀	0	5	10	15	20	25	30	44	
i ₁	1	6	11	16	21	26	31	36	
i ₂	2	7	12	17	22	27	32	42	
i ₃	3	8	13	18	23	28	33	38	
	4	9	14	19	24	29	34	40	

$80 \leq \text{LAG VALUE}$

FIG. 10 C

	NON-ZERO SAMPLE POSITION								
i ₀	0	74	10	64	20	54	30	44	
i ₁	78	6	68	16	58	26	48	36	
i ₂	2	72	12	62	22	52	32	42	
i ₃	76	8	66	18	56	28	46	38	
	4	70	14	60	24	50	34	40	

APPROVED	O.G. FIG.	
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F I G. 11

APPROVED	O.G. FIG.	
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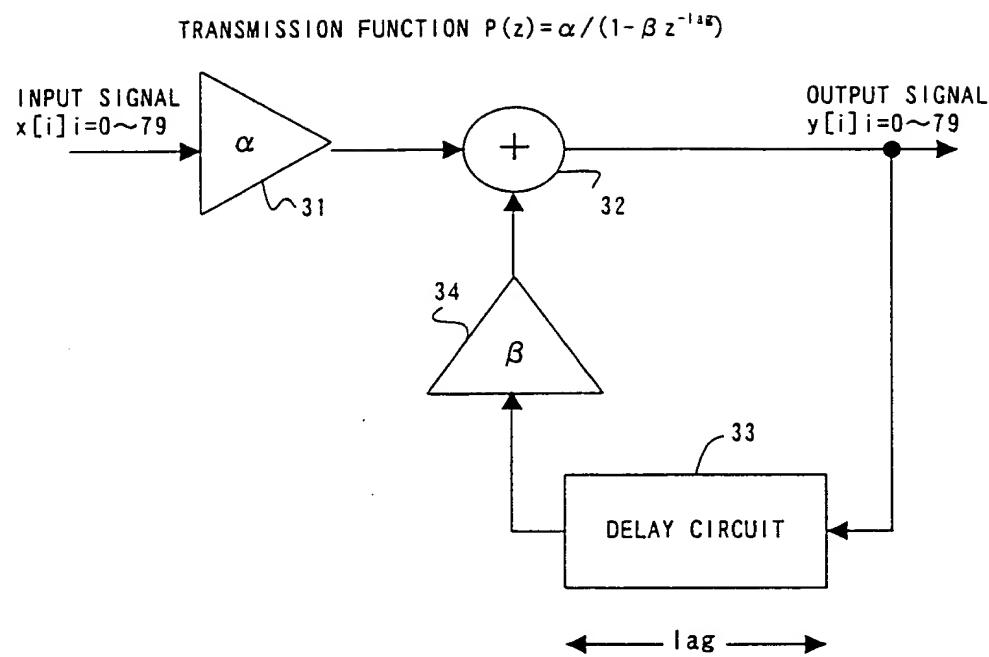


FIG. 12

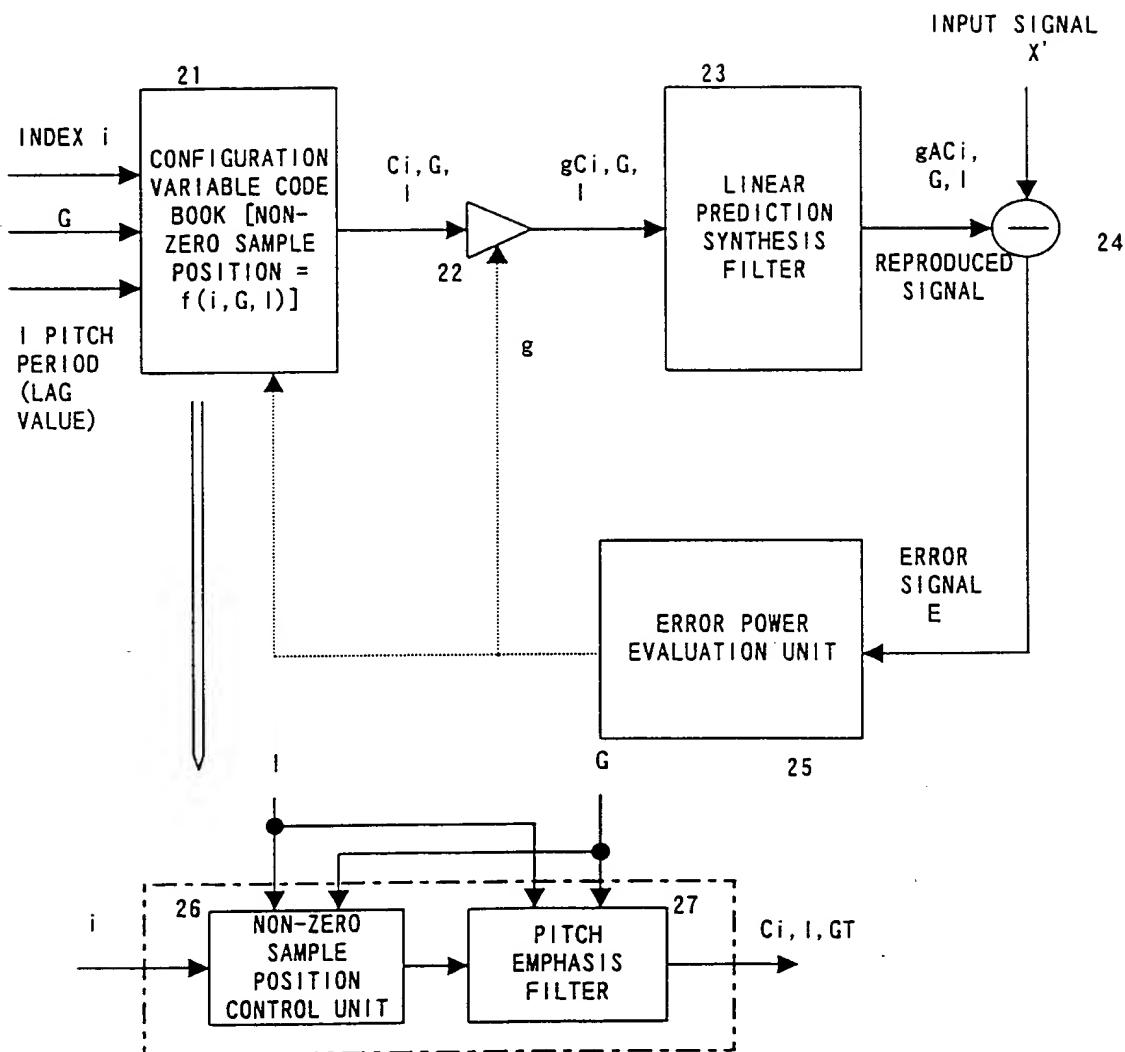
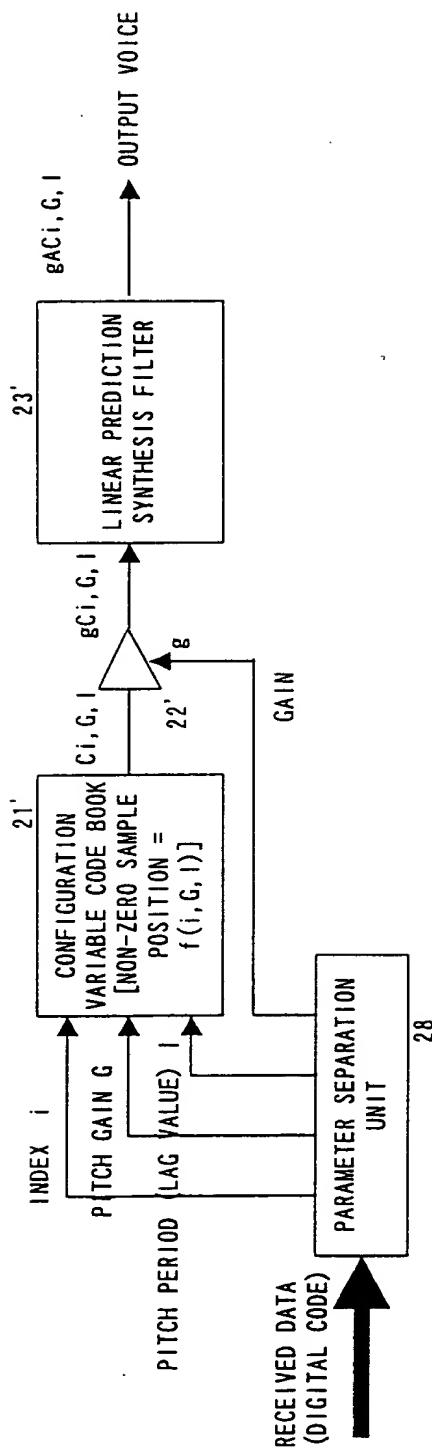


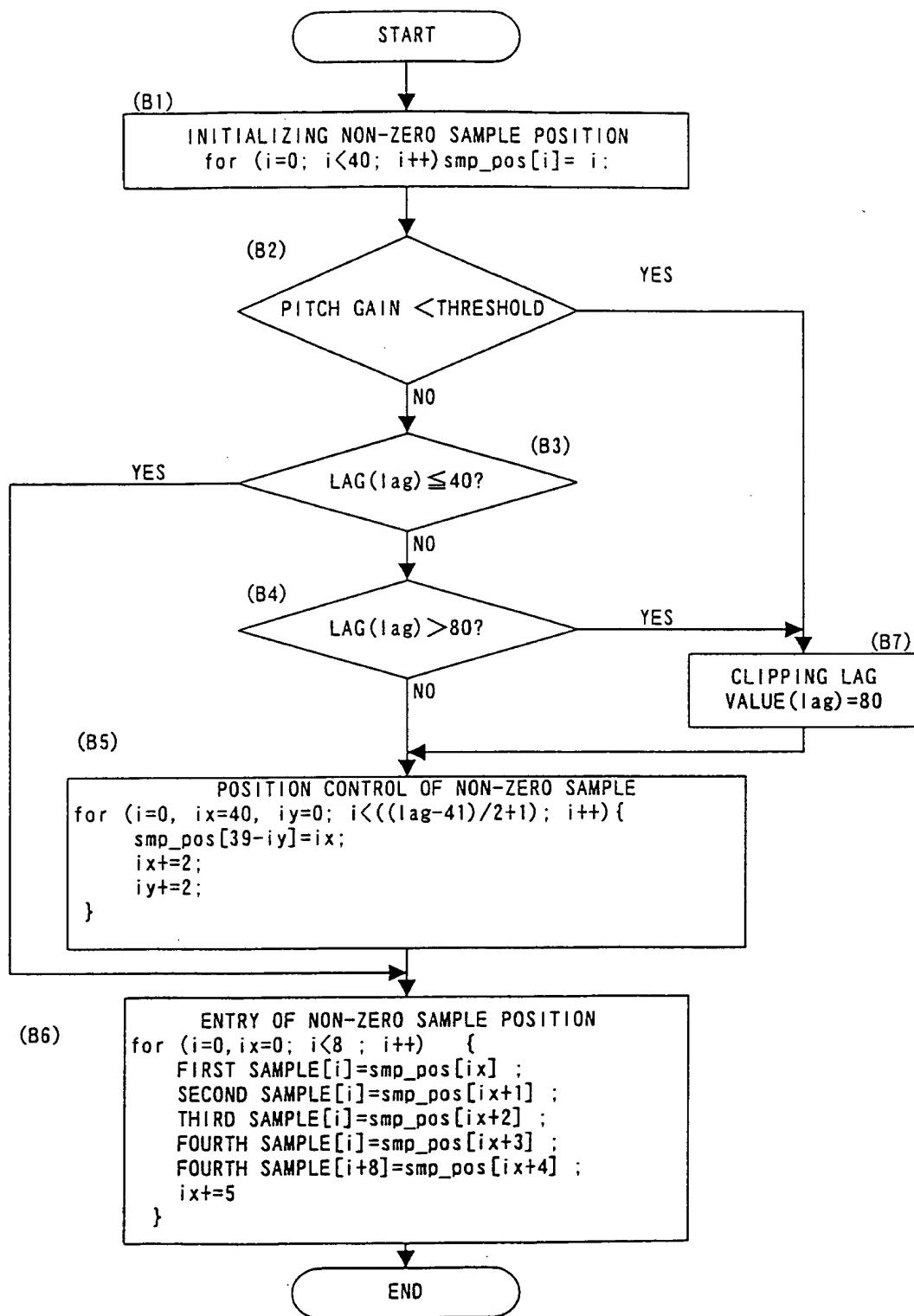
FIG. 13

APPROVED	O.G. FIG.	
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F I G. 14

APPROVED	O.G. FIG.	
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DRAFTSMAN		



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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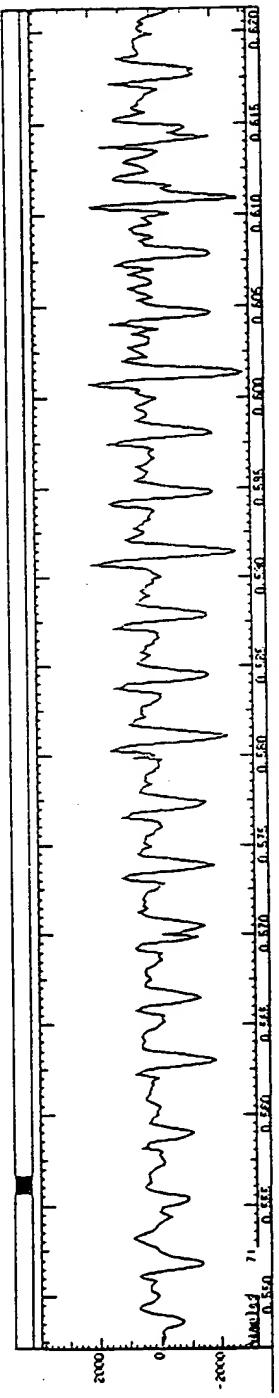


FIG. 16A INPUT VOICE

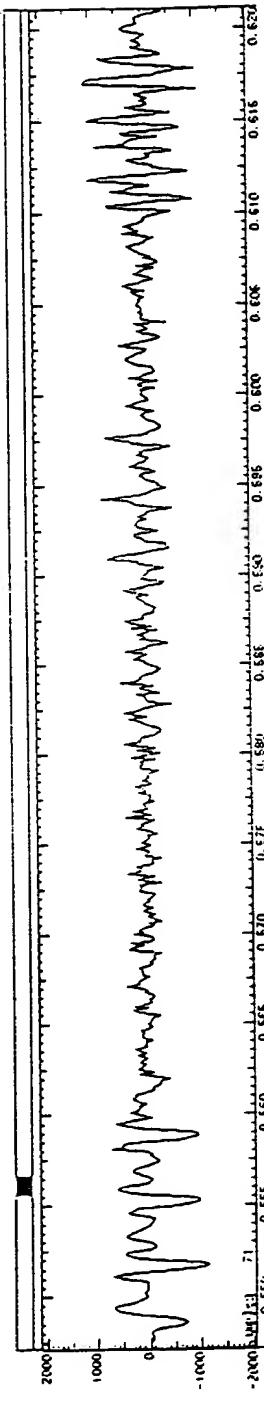


FIG. 16B NOISE CODE BOOK INPUT SIGNAL X
(INPUT VOICE - APPLICABLE CODE BOOK OUTPUT)

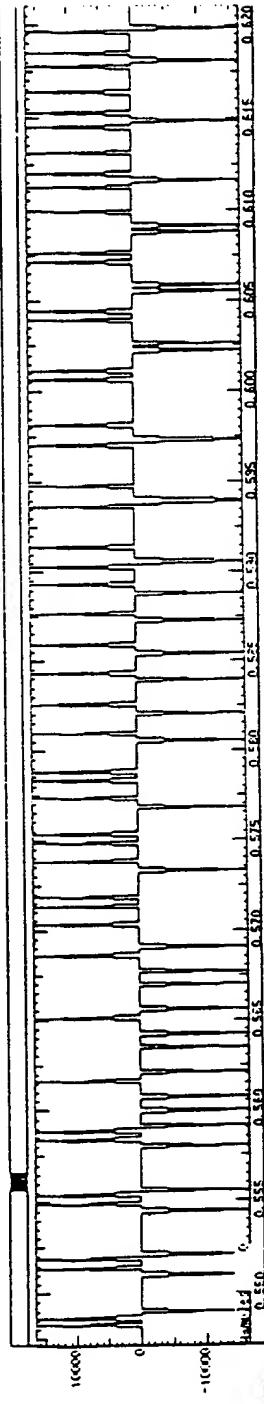


FIG. 16C CODE BOOK OUTPUT SIGNAL OF THE
PRESENT INVENTION